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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/512,116 | 10/21/2004 | Michael Heesemans | NL 020343 | 2347 |

24737 7590 07/27/2006

PHILIPS INTELLECTUAL PROPERTY & STANDARDS
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EXAMINER

COLAN, GIOVANNA B

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|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

2162

DATE MAILED: 07/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|--------------------------------------|---|--|
| Office Action Summary | Application No. 10/512,116 | Applicant(s) HEESEMANS ET AL. | |
| | Examiner Giovanna Colan | Art Unit 2162 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is issued in response to applicant filed application on 10/21/2004.
2. Claims 1 – 29 are pending.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 12, and 29 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The term “reasonable” in claims 12 and 29 is a subjective and relative term, which renders the claim indefinite. Examiner is unclear as to what a “reasonable number of programs” (as disclosed in claims 12 and 29) is.

Examiner asserts that all claims should be checked for clarification.

Appropriate action is required.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

Art Unit: 2162

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1 – 29 are rejected under 35 U.S.C. 102(e) as being anticipated by Berenson et al. (Berenson hereinafter) (US Patent Pub. App. No. 2003/0131355 A1, filed: November 27, 2001).

Regarding Claim 1, Berenson discloses a device for presenting data about programs from a number of program sources, the device comprising:

a table generator unit for generating an electronic program guide as a table (Page 2, [0024], lines 1 – 7, Berenson) comprising data about current program and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

a coding unit for selecting data about all programs starting within at least one first time interval (Page 2, [0025], lines 9 – 12, select a program, Berenson¹) and coding the selected data with an additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and

a control unit for controlling the table generator unit and the coding unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson²), wherein the table generator unit is further arranged to present the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

¹ Wherein the computer user interface corresponds to the coding unit claimed.

Regarding Claim 2, Berenson discloses a device, wherein the table generator unit is arranged to generate the table with rows sorted in accordance with source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson³) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson).

Regarding Claim 3, Berenson discloses a device, wherein the table generator unit is arranged to present the data using a common visual identification for the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson⁴).

Regarding Claim 4, Berenson discloses a device, wherein the common visual identification is a color associated with the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson⁵).

Regarding Claim 5, Berenson discloses a device, wherein the table generator unit is further arranged to present the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson), using source as a first parameter

² Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

³ Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

⁴ Wherein the interval showed for the “ED” program (as displayed in Figure 8, interval 8 – 8:30) corresponds to the common visual identification claimed. The “ED” program shows the same box color for that interval (8:00 – 8:30pm as shown in that Figure).

(Page 6, [0063], lines 8 – 11, Berenson⁶) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson⁷), the device further including a scrolling step calculation unit arranged to determine a scrolling step size based on a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson⁸) and the control unit being arranged to control the scrolling step calculation unit (Figure 5, item 22, Personalization Database Server, Page 6, [0053], lines 1 – 4, Berenson) and scrolling data about programs of the different program sources in the table with said scrolling step size (Figure 9, Page 6, [0066], lines 7 – 9, Berenson⁹).

Regarding Claim 6, Berenson discloses a device for presenting data about programs from a number of program sources, the device comprising:

a table generator unit for generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson) and presenting the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson), using source as a first parameter

⁵ The table displayed in Figure 8 shows figures and colors according to the time intervals.

⁶ Wherein "7 Days" corresponds to the source claimed.

⁷ Wherein the start time corresponds to the order of programs claimed.

⁸ Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

⁹ Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

(Page 6, [0063], lines 8 – 11, Berenson¹⁰) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson¹¹),

a scrolling step calculation unit for determining a scrolling step size based on a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson¹²), and

a control unit for controlling the table generator unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson¹³) and the scrolling step calculation unit (Figure 5, item 22, Personalization Database Server, Page 6, [0053], lines 1 – 4, Berenson) and arranged to scroll data about programs of the different program sources in the table with said step size (Figure 9, Page 6, [0066], lines 7 – 9, Berenson¹⁴).

Regarding Claim 7, Berenson discloses a device, wherein the third parameter is time (page 6, [0066], lines 3 – 5, time interval, Berenson).

Regarding Claim 8, Berenson discloses a device, wherein the step size is set to a second time interval (Page 6, [0066], lines 3 – 5, Berenson) and, for each scrolling step (Page 6, [0066], lines 7 – 9, are moved up to personal lineups, Berenson), the control unit is arranged to scroll all data concerning the programs of a program source if

¹⁰ Wherein "7 Days" corresponds to the source claimed.

¹¹ Wherein the start time corresponds to the order of programs claimed.

¹² Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

¹³ Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

¹⁴ Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

the data about a program of said program source has a start or stop time within the second time interval (Page 6, [0066], lines 2 – 9, Berenson¹⁵).

Regarding Claim 9, Berenson discloses a device, wherein the second time interval is set to a short fixed duration in comparison with a first time interval (Page 6, [0068], lines 1 – 4, Berenson).

Regarding Claim 10, Berenson discloses a device, wherein the scrolling step calculation unit is arranged to set the second time interval as the time between the starting time of a selected program and the starting time of any program having a starting time closest to and after the starting time of the selected program (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 11, Berenson discloses a device, wherein the scrolling step calculation unit is arranged to set the second time interval as the time between the starting time of a selected program and the starting time of the next program of the same program source (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 12, Berenson discloses a device, wherein the control unit is arranged to control, on the basis of the time relationship between the starting times of the programs, the scrolling step calculation unit to set the second time interval, such

¹⁵ Wherein the step of finding all the programs on a specified time and further moving them up

that a reasonable number of programs of program sources are scrolled at the same time (Page 8, [0113], lines 13 – 17, grids that do not include every show on each channel, Berenson).

Regarding Claim 13, Berenson discloses a program presentation apparatus for presenting programs from a number of program sources, the apparatus comprising:

a receiving unit for receiving at least one signal containing data relating to programs of the different program sources (Page 2, [0023], lines 1 – 4, Berenson),

a table generator unit for generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

a coding unit for selecting data about all programs starting within at least one first time interval (Page 2, [0025], lines 9 – 12, select a program, Berenson¹⁶) and coding the selected data with an additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and

a control unit for controlling the table generator unit and the coding unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson¹⁷), wherein the table generator unit is further arranged to present the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

corresponds to the step of scrolling all data if the data about the program has a start or stop within the second time interval as claimed.

¹⁶ Wherein the computer user interface corresponds to the coding unit claimed.

¹⁷ Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

Regarding Claim 14, Berenson discloses a program presentation apparatus for presenting programs from a number of program sources, the apparatus comprising:

a receiving unit for receiving at least one signal containing data relating to programs of the different sources (Page 2, [0023], lines 1 – 4, Berenson),

a table generator unit for generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson), and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson) and presenting the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson), using source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson¹⁸) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson¹⁹)

a scrolling step calculation unit for determining a scrolling step size based on a third parameter (Page 9, [0120], lines 6 – 9, Berenson), and

a control unit for controlling the table generator unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson²⁰) and the scrolling step calculation unit (Figure 5, item 22, Personalization Database Server, Page 6, [0053], lines 1 – 4, Berenson) and arranged to scroll data about programs of the different program sources in the table with said step size (Figure 9, Page 6, [0066], lines 7 – 9, Berenson²¹).

¹⁸ Wherein "7 Days" corresponds to the source claimed.

¹⁹ Wherein the start time corresponds to the order of programs claimed.

²⁰ Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

²¹ Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

Regarding Claim 15, Berenson discloses a computer program element comprising: computer program code means for causing the computer to execute generation of an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs of a number of program sources (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

presentation of the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson) using program source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson²²) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson²³), and

scrolling of data about programs of the different program sources in the table with a scrolling step size determined by a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson²⁴).

Regarding Claim 16, Berenson discloses a computer program element, embodied on a computer-readable medium (Page 2, [0033], lines 3 – 12, Berenson).

Regarding Claim 17, Berenson discloses a computer program element comprising: computer program code means for causing the computer to execute

²² Wherein "7 Days" corresponds to the source claimed.

²³ Wherein the start time corresponds to the order of programs claimed.

generation of an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs of a number of program sources (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

selection of data about all programs starting within at least one first time interval from a number of programs of different program sources (Page 2, [0025], lines 9 – 12, select a program, Berenson²⁵),

coding of the selected data with an additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and

presentation of the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

Regarding Claim 18, Berenson discloses a computer program element, embodied on a computer-readable medium (Page 2, [0033], lines 3 – 12, Berenson).

Regarding Claim 19, Berenson discloses a method of presenting data about programs from a number of program sources, the method comprising the steps of:

receiving at least one signal containing data relating to programs of the different program sources (Page 2, [0023], lines 1 – 4, Berenson),

²⁴ Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

²⁵ Wherein the computer user interface corresponds to the coding unit claimed.

generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson), selecting data about all programs starting within at least one first time interval (Page 2, [0025], lines 9 – 12, select a program, Berenson²⁶), coding the selected data with the additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and presenting the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

Regarding Claim 20, Berenson discloses a method, wherein the step of generating comprises generating the table with rows sorted in accordance with program source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson²⁷) and columns sorted in accordance with next program of each program source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson).

Regarding Claim 21, Berenson discloses a method, wherein the step of presenting comprises presenting the programs within the time interval, using a common

²⁶ Wherein the computer user interface corresponds to the coding unit claimed.

²⁷ Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

visual identification for the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson²⁸).

Regarding Claim 22, Berenson discloses a method, wherein the common visual identification is a color associated with the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson²⁹).

Regarding Claim 23, Berenson discloses a method of presenting data about programs from a number of program sources the method comprising the steps of:

generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

presenting the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson) using program source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson³⁰) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson³¹), and

²⁸ Wherein the interval showed for the “ED” program (as displayed in Figure 8, interval 8 – 8:30) corresponds to the common visual identification claimed. The “ED” program shows the same box color for that interval (8:00 – 8:30pm as shown in that Figure).

²⁹ The table displayed in Figure 8 shows figures and colors according to the time intervals.

³⁰ Wherein “7 Days” corresponds to the source claimed.

³¹ Wherein the start time corresponds to the order of programs claimed.

scrolling data about programs of the different program sources in the table with a scrolling step size determined by a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson³²).

Regarding Claim 24, Berenson discloses a method, wherein the third parameter is time (page 6, [0066], lines 3 – 5, time interval, Berenson).

Regarding Claim 25, Berenson discloses a method, wherein the step size is set to a second time interval (Page 6, [0066], lines 3 – 5, Berenson) and the step of scrolling comprises, for each scrolling step (Page 6, [0066], lines 7 – 9, are moved up to personal lineups, Berenson), scrolling all data concerning the programs of a program source if the data about a program of said program source has a start or stop time within the second time interval (Page 6, [0066], lines 2 – 9, Berenson³³).

Regarding Claim 26, Berenson discloses a method, wherein the second time interval is of a short fixed duration in comparison with the length of a first time interval (Page 6, [0068], lines 1 – 4, Berenson).

³² Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

³³ Wherein the step of finding all the programs on a specified time and further moving them up corresponds to the step of scrolling all data if the data about the program has a start or stop within the second time interval as claimed.

Regarding Claim 27, Berenson discloses a method, further comprising the step of selecting a program, which selection sets the second time interval as the time between the starting time of the selected program and the starting time of any program having a starting time closest to and after the starting time of the selected program (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 28, Berenson discloses a method, further comprising the step of selecting a program, which selection sets the second time interval as the time between the starting time of the selected program and the starting time of the next program of the same program source (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 29, Berenson discloses a method, wherein the second time interval setting is selected on the basis of the time relationship between the different programs of the program sources, such that a reasonable number of programs of program sources are scrolled at the same time (Page 8, [0113], lines 13 – 17, grids that do not include every show on each channel, Berenson).

Prior Art Of Record

1. Berenson et al. (US Patent Pub. App. No. 2003/0131355 A1, filed: November 27, 2001) discloses a program guide system.
2. Grauch et al. (US Patent No. 6,983,478 B1) discloses method and system for tracking network use.
3. Shine et al. (US Patent No. 6,556,221 B1) discloses extended elements and mechanisms for displaying a rich graphical user interface in panel subunit.

Points Of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Giovanna Colan whose telephone number is (571) 272-2752. The examiner can normally be reached on 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Giovanna Colan
Examiner
Art Unit 2162
July 13, 2006


JOHN BREENE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

SA